

ABSTRACT

ABRASION-RESISTANT READ HEAD

Sheet 42
Magnetooptic read head comprising a magnetooptic transducer with a multilayer structure (9 to 11) with at least one thin magnetic layer with a magnetooptic effect (11), at least one layer made of a nonmagnetic material (10) and having a predetermined wear coefficient and a layer with good magnetic permeability (9) for closing a magnetic circuit. The layer with good magnetic permeability comprises alternating first sublayers (91, 93) made of a magnetic material with good magnetic permeability and second sublayers (92, 94) made of a material having a wear coefficient substantially equivalent to said wear coefficient of the layer made of a nonmagnetic material (10).

FIGURE 5

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